

EPA Official Record

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From: Dave Dickerson/R1/USEPA/US

To: "Iorio, Maryellen NAE" <Maryellen.Iorio@usace.army.mil>

Copy To: "Fox, Steve (New Bedford)" <Steve.Fox@jacobs.com>

Delivered Date: 05/05/2010 11:09 AM EDT

Subject: Re: FW: Comments and Revised Text

Ellen - I have a Dr.'s appt Fri at 3 so I can't guarantee I'll be available (I've already resched. once already). But if everyone else can do it I'd go ahead with it and maybe I can listen in after it starts. Otherwise early next week I could fit something in.

Thanks - Dave

▼ "Iorio, Maryellen NAE" ---05/05/2010 10:53:04 AM---Would you be available at 3:30 on Friday for a conference call with your modeler and Paul to make su

From: "Iorio, Maryellen NAE" <Maryellen.Iorio@usace.army.mil>

To: Dave Dickerson/R1/USEPA/US@EPA, "Fox, Steve (New Bedford)" <Steve.Fox@jacobs.com>

Date: 05/05/2010 10:53 AM

Subject: FW: Comments and Revised Text

Would you be available at 3:30 on Friday for a conference call with your modeler and Paul to make sure there are no loose ends on this?

Ellen Iorio, P.E, P.M.P
US Army Corps of Engineers
New England District
696 Virginia Road
Concord, MA 01742-2751
978-318-8433 (office)
978-501-4157 (cell)

-----Original Message-----

From: Schroeder, Paul R ERDC-EL-MS

Sent: Wednesday, May 05, 2010 10:21 AM

To: Iorio, Maryellen NAE

Subject: RE: Comments and Revised Text

I am out on TDY and unavailable until about 2:30 CDT Friday.

Paul

-----Original Message-----

From: Iorio, Maryellen NAE
Sent: Wed 5/5/2010 9:15 AM
To: Schroeder, Paul R ERDC-EL-MS
Cc: Anderson, Mark J Jr NAE; Fredette, Thomas ERD
Subject: FW: Comments and Revised Text

Hi Paul,

We need to wrap this up as quickly. Let me know if you could be available for a conference call this week?

Ellen Iorio, P.E, P.M.P
US Army Corps of Engineers
New England District
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-----Original Message-----

From: Fox, Steve (New Bedford) [mailto:Steve.Fox@jacobs.com]
Sent: Wednesday, May 05, 2010 9:18 AM
To: Iorio, Maryellen NAE; 'dickerson.dave@epamail.epa.gov'
Cc: Anderson, Mark J Jr NAE
Subject: FW: Comments and Revised Text

Hi Ellen and Dave,

Please find attached our modelers questions for the ERDC modelers. Please forward these questions to P. Schroeder and M. Zakikhani (ERDC). We are addressing the remainder of the comments and revising the report. I see no issue with turning this report around quickly.

Thanks,

Steve

From: Lu, Changsheng
Sent: Tuesday, May 04, 2010 2:02 PM
To: Fox, Steve (New Bedford)
Cc: Morris Mike (MM7)
Subject: RE: Comments and Revised Text

Steve,

Based on the 2nd round of the comments, we would need to get the ERDC modeling report (if existed) or results and their assumptions on the CAD cell, specifically

1) Assumptions

The relationship between the dredged sediment concentration (known from RI investigation) and settled down to the CAD cell ?

The pore water concentration in the settled CAD sediment and their relationship to the matrix sediment (equilibrium condition)?

The ratio of pore water concentration the CAD cell (30-40 ft below harbor surface) and the surface water concentration of PCB ?

The settling rate of the dumped sediment from the barge to the CAD bottom ?

2) Model results

The emission duration of the PCB from the CAD cell after dredge/disposal season

The water concentration in the surface for PCB emission

The loss rate of PCB from the CAD cell before capping

With the information, we can easily incorporate the data into our air emission modeling process so both studies will have the same assumption..

Use the 24 hour /365 day emission from the CAD is the most conservative assumption, but the emission rate has to be adjusted to the true water surface concentration from the ERDC modeling result. We used the same high emission rates for the CAD as the dredged source area (considered the similar processes). For example, there is likely no disturbed sediment (oil sheen) after the settling of the sediment into the deep CAD.

Changsheng

-----Original Message-----

From: Fox, Steve (New Bedford)
Sent: Monday, May 03, 2010 10:30 AM
To: Lu, Changsheng
Cc: Morris Mike (MM7)
Subject: Comments and Revised Text

Hi Changsheng,

Please find attached both the comments and the text. I have named them (rev2) Lu in the file name so please make you changes in the two files. I have also left notes in both the comments and the text itself.

Thanks,

Steve

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